

HMGN1 recombinant protein

HMGN1, 1-100aa, Human, His tag, E Coli

CATALOG # AAA11776	HOST E Coli	APPLICATIONS SDS-Page
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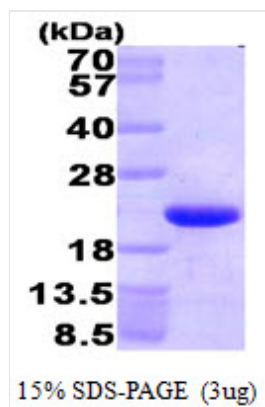
PRODUCT SYNONYMS

HMGN1; 1-100aa; Human; His tag; E Coli; Non-histone chromosomal protein HMG-14; HMG14; GC104230; Non-histone chromosomal protein HMG-14 FLJ27265; FLJ31471; High mobility group (nonhistone chromosomal) protein 14; High mobility group nucleosome binding 1; High mobility group nucleosome binding domain 1; High mobility group nucleosome binding domain containing protein 1; High mobility group protein 14; HMG 14 HMGN 1; MGC104230; MGC117425; Nonhistone chromosomal protein HMG 14; Nonhistone chromosomal protein HMG14.; HMGN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 0.1mM PMSF
Concentration	0.5 mg/ml (determined by BCA assay) (varies by lot)
Sequence	MPKRKVSSAE GAAKEPKRR SARLSAKPPA KVEAKPKKAA AKDKSSDKKV QTKGKRGAKG KQAEVANQET KEDLPAENGE TKTEESPASD EAGEKEAKSD LEHHHHHH
Sequence Length	100
Applicable Applications for HMGN1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at -2°C to -8°C. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for HMGN1 recombinant protein	HMGN1, also known as non-histone chromosomal protein HMG-14, belongs to the HMGN family. Chromosomal protein HMGN1 binds to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. This protein may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Recombinant human HMGN1 protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for HMGN1 recombinant protein	Transcription & Translation
References	Landsman D. et al, (1989) J Biol Chem. 264 (6):3421-7

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255933
NCBI GeneID	3150
NCBI Accession #	NP_004956
NCBI GenBank Nucleotide #	NM_004965.6
UniProt Accession #	P05114; Q3KQR8
Molecular Weight	11.7 kDa (108aa), confirmed by MALDI-TOF.
NCBI Official Full Name	non-histone chromosomal protein HMG-14
NCBI Official Synonym Full Names	high mobility group nucleosome binding domain 1
NCBI Official Symbol	HMGN1
NCBI Official Synonym Symbols	HMG14
NCBI Protein Information	non-histone chromosomal protein HMG-14
UniProt Protein Name	Non-histone chromosomal protein HMG-14
UniProt Gene Name	HMGN1
UniProt Synonym Gene Names	HMG14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.